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5   Abstract

The invention relates to a lane device (30) and a
method for detecting the lane of a vehicle (10), as
well as to a selector device which interacts with the
10   lane device (30). The lane device (30) contains
evaluation means (32, 35, 37) for evaluating distance
data (60, 61, 66) of at least one distance sensor (58,
59, 65), it being possible to determine a lateral
distance (d1-d4) from a reference body (62, 64) which
15   runs essentially continuously to the side of the lane,
at least in sections, from the distance data (60, 61,
66). The evaluation means (32, 35, 37) are configured
to acquire lane data (36) as a function of the distance
data (60, 61, 66). According to the invention, the
20   evaluation means (32, 35, 37) are configured to filter
out interference information, caused in particular by
vehicles (17) present in the region of the lane or
discontinuities (63) of the reference body (62, 64),
from the distance data (60, 61, 66).
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(Fig. 1)